

AMENDMENT TO THE CLAIMS

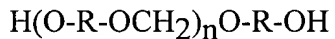
1-9. (Cancelled).

10. (Previously Presented) The hydrolyzable prepolymer of claim 21, wherein the prepolymer is poly(polycaprolactone-500 diol formal) having a polycaprolactone component with a molecular weight of about 500.

11. (Previously Presented) The hydrolyzable prepolymer of claim 21, having a functionality of from about 1.7 to about 2.3.

12-20. (Cancelled).

21. (Currently Amended) A hydrolyzable prepolymer for explosive and propellant compositions, comprising the general formula



wherein R extends in a linear manner or a linear and branched manner and ~~is~~ contains carbon atoms and hydrogen atoms or carbon atoms, oxygen atoms, and hydrogen atoms wherein said atoms along a line are single bonded to each other;

wherein n is a numeral ranging from about 1 to about 20; and,

wherein the -O-CH<sub>2</sub>-O- within the backbone of the prepolymer consists essentially of a hydrolyzable moiety, being hydrolyzable at room temperature using an acid having a concentration of from about 2.0 N or less.

Should the examiner need more information regarding this matter or have further suggestions regarding this application, feel free to call the undersigned at 301-744-5603.

Respectfully submitted,



Mark Homer, Reg. No. 41,848  
Attorney for Applicants

OFFICE OF COUNSEL, CODE OC4  
NAVAL SURFACE WARFARE CENTER  
INDIAN HEAD DIVISION  
101 STRAUSS AVE., BLDG. D-31  
INDIAN HEAD, MD 20640-5035